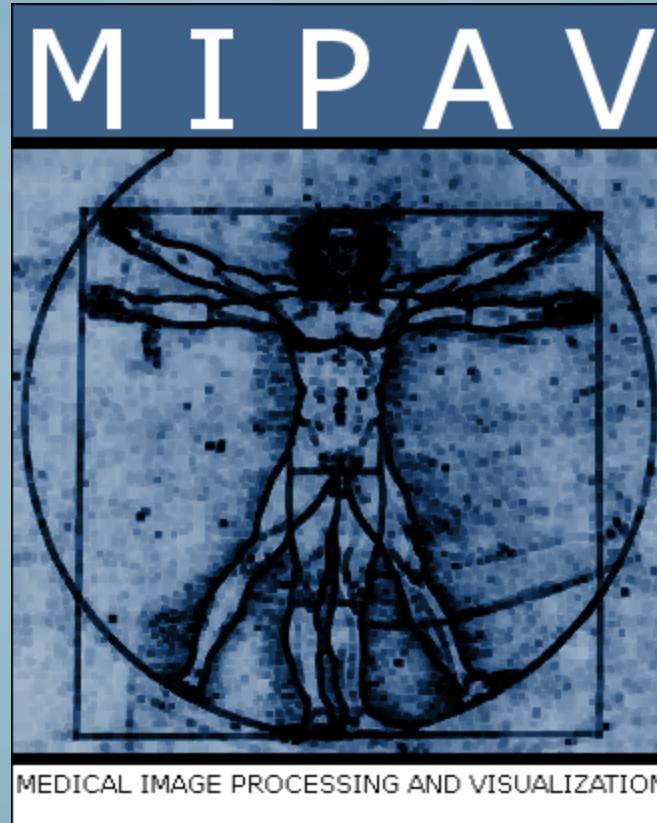


STREAMLINING THE ANALYSIS OF DIFFUSION TENSOR IMAGING FILES THROUGH THE CREATION OF A MASS IMAGE EDITOR

Sara Shen

Sara.Shen@NIH.gov



MIPAV: v7.0.1 Jacobian4 63/127 M:1.0

File VOI LUT Algorithms Utilities Systems analysis Plugins Scripts Image Toolbars Help

Image slice index [total number slices=128]

0 63 127

MIPAV Multi-core(4 cores): GPU: Memory: 48M / 1777M

This screenshot shows the MIPAV software interface. The title bar indicates the version is v7.0.1, the current slice is 63 of 127, and the processing mode is M:1.0. The menu bar includes File, VOI, LUT, Algorithms, Utilities, Systems analysis, Plugins, Scripts, Image, Toolbars, and Help. The toolbar below the menu bar contains various icons for selection, measurement, and analysis tools. A progress bar at the bottom shows the image slice index from 0 to 127, with the current slice set to 63. The status bar at the bottom provides system information, including multi-core processing (4 cores), GPU usage, and memory status (48M / 1777M). The overall interface is designed for medical image processing and visualization.



63

WL Level and Window

Level & Window Min & Max

Level	Window
1.1434301	3.7117567
-0.7124483	0.0
0.1379692	3.7117567

Save Load Close

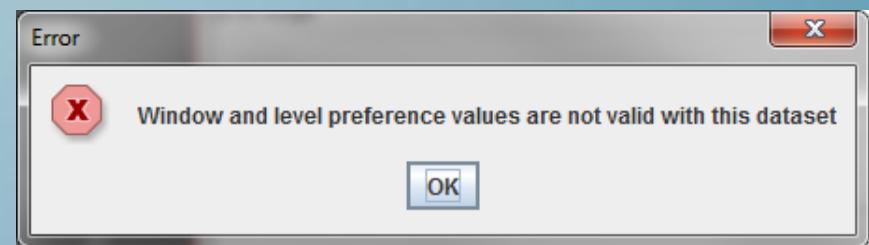
63

WL Level and Window

Level & Window Min & Max

Level	Window
0.6628277	3.0049374
-0.83964103	0.0
-0.07375026	1.2285753

Save Load Close





63

Level and Window

Level & Window Min & Max

Level	Window
1.1434301	3.7117567
-0.7124483	0.0
0.1379692	3.7117567

Save Load Close

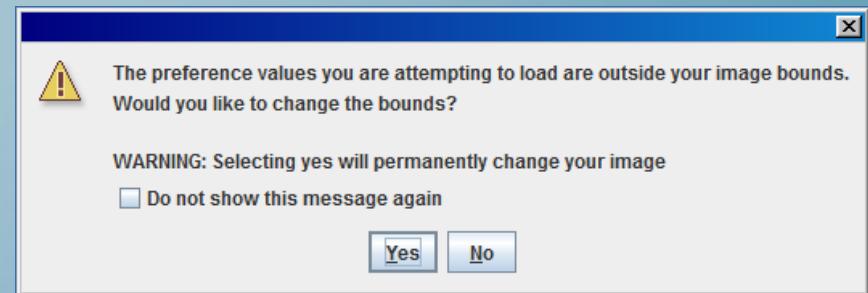
63

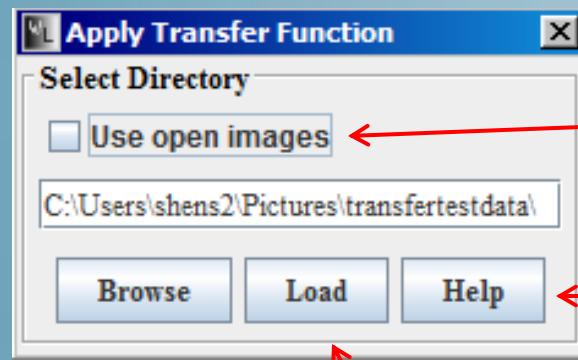
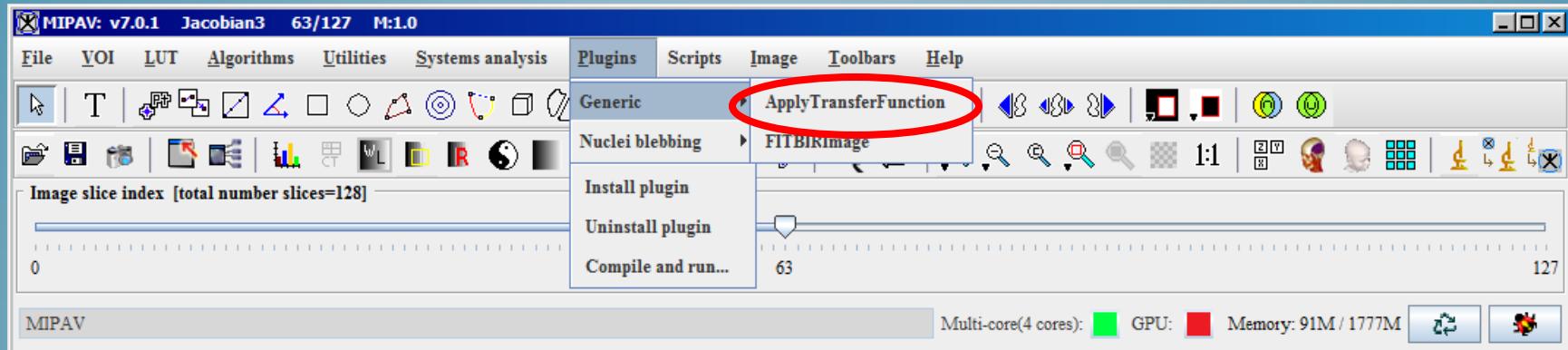
Level and Window

Level & Window Min & Max

Level	Window
0.6628277	3.7117567
-0.83964103	0.0
0.13745219	3.7112741

Save Load Close



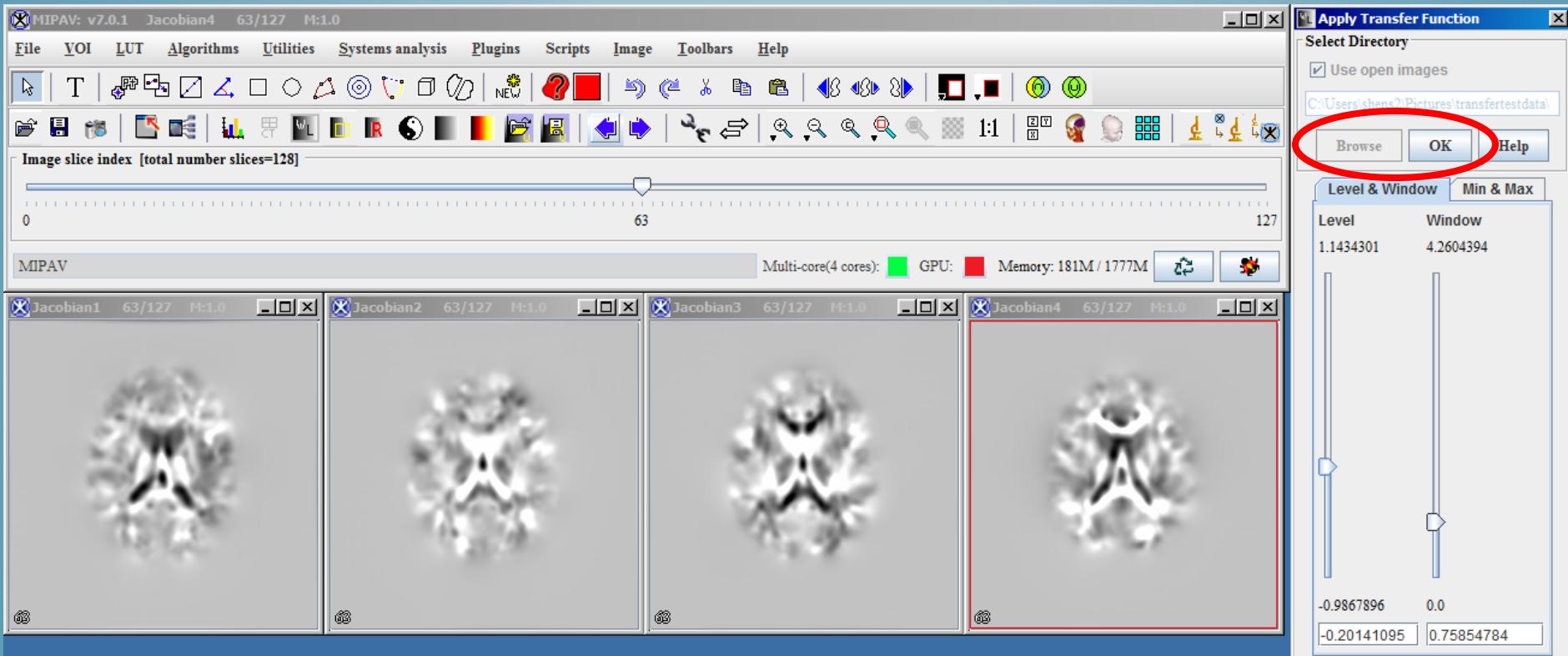


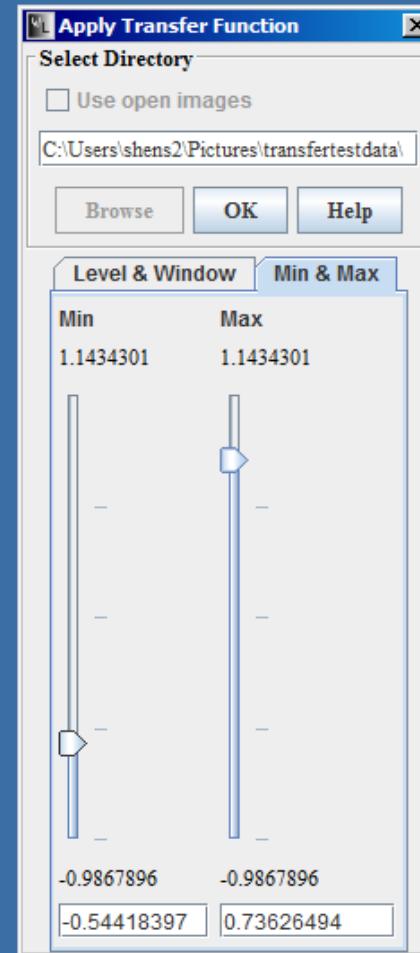
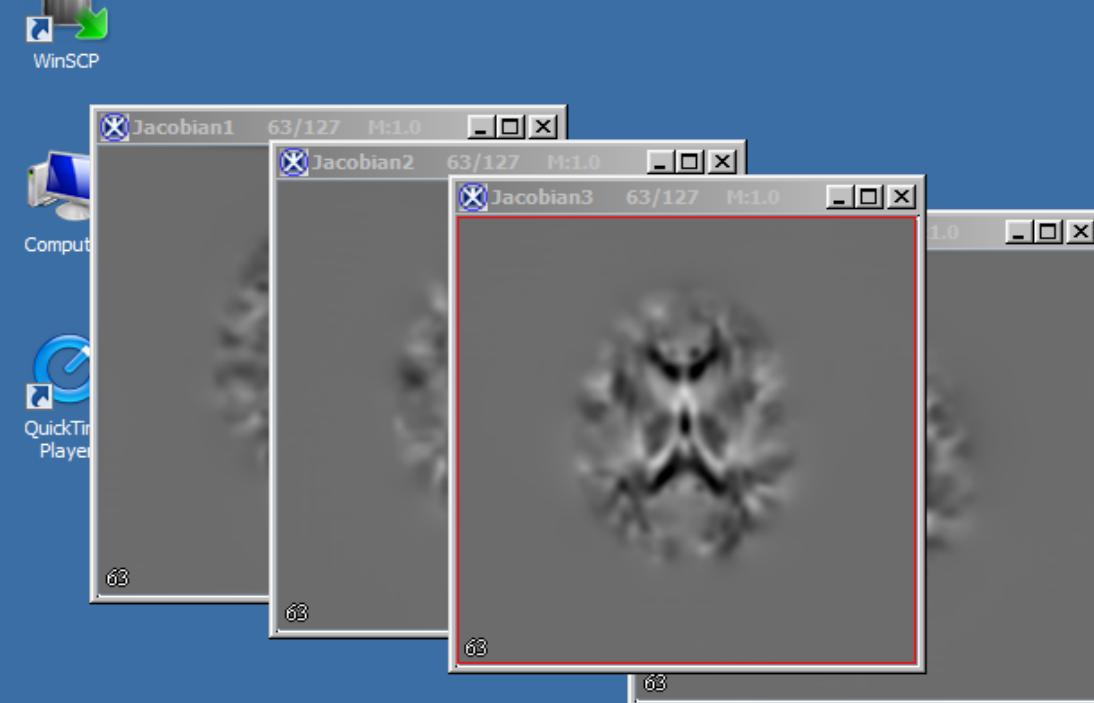
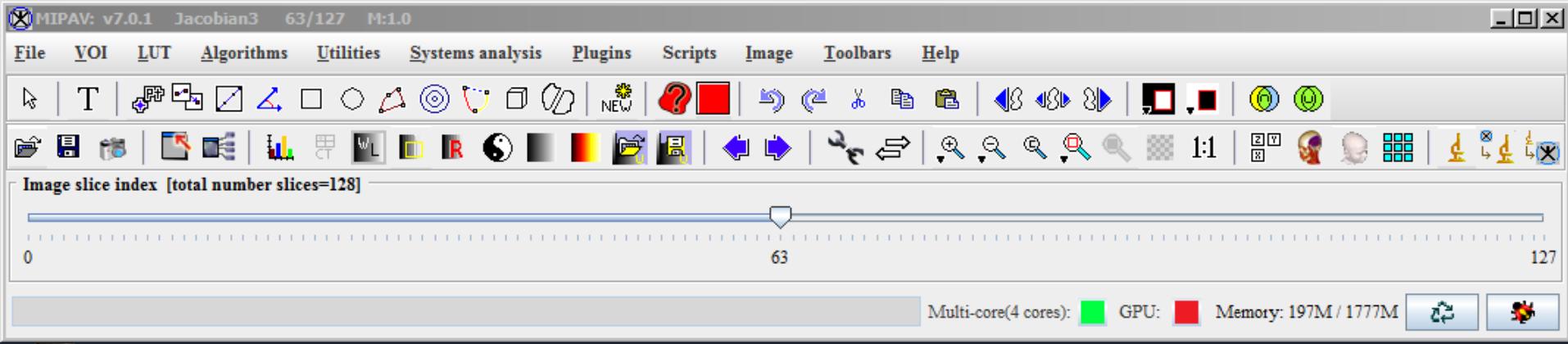
Opens a directory browser

Creates contrast sliders that edit all inputted images

Changes the plugin input mode

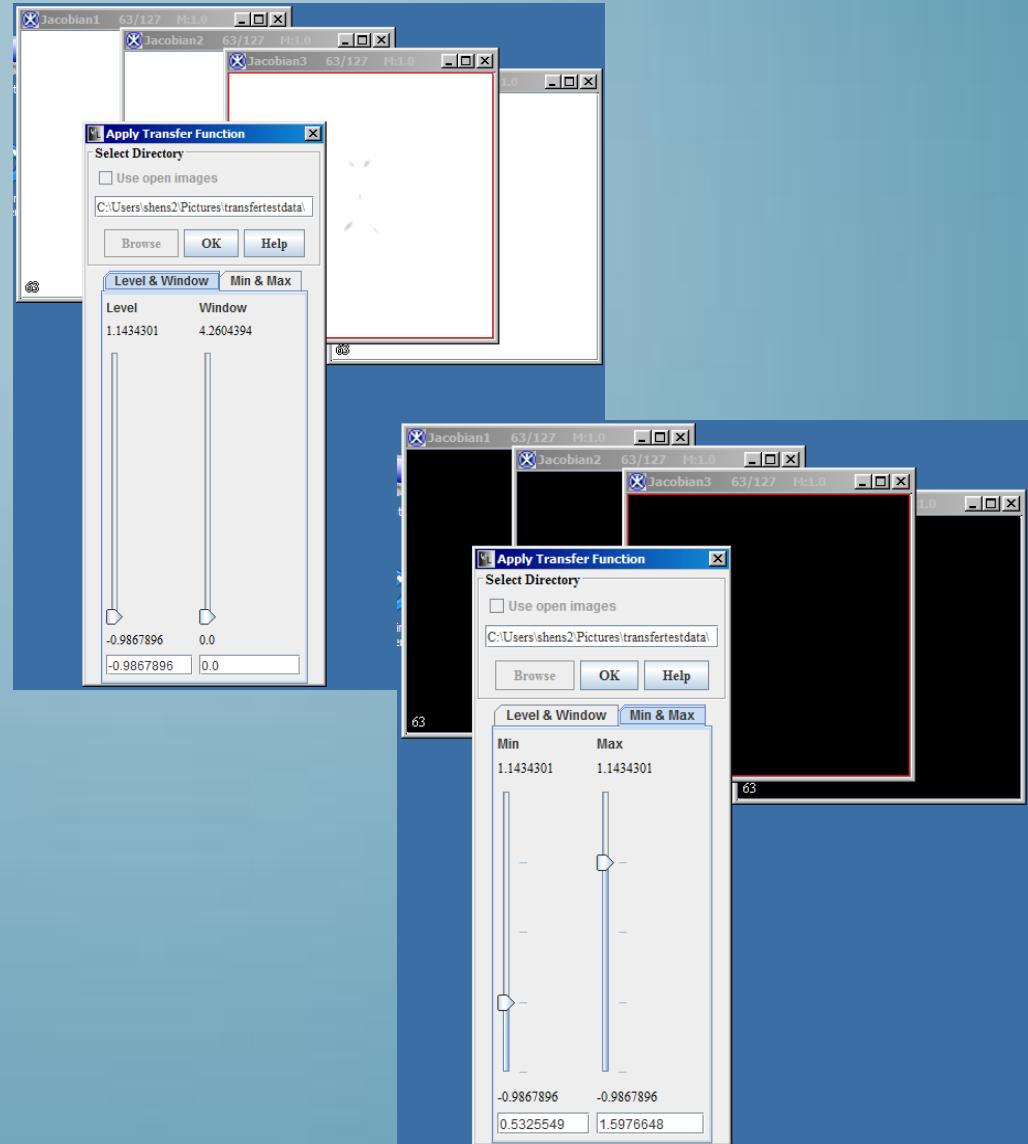
Opens the MIPAV wiki article on contrast sliders





CURRENT LIMITATIONS

- NIFTI files
- Directory loading
- Default slider values



FUTURE IMPROVEMENTS

- Ability to load transfer functions
- Tiling images
- Histogram compatibility
- Compatibility with other image file types

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